

moving means for moving in a vertical direction the plurality of shaping rollers and a control means for controlling the driving means so that by the plurality of rollers at the position where the glass plate is transferred, a desired curved plane curved in the transferring direction of the glass plate is formed in at least a portion of the transferring plane and the plurality of rollers are sequentially moved vertically with the transfer of the glass plate whereby the curved plane is shifted in the transferring direction of the glass plate.

12. The air-cooling/tempering device for a glass plate according to Claim 3, wherein at an upstream side of the air-cooling/tempering device, there is located a glass plate bend-shaping apparatus for bend-shaping a glass plate to have a predetermined curvature, which comprises a heating furnace for heating the glass plate to a bend-shaping temperature, a roller conveyor provided at a downstream side of the heating furnace and having a plurality of shaping rollers for forming a transferring plane for transferring the glass plate, vertically moving means for moving in a vertical direction the plurality of shaping rollers and a control means for controlling the driving means so that by the plurality of rollers at the position where the glass plate is transferred, a desired curved plane curved in the transferring direction of the glass plate is formed in at least a portion of the transferring plane and the plurality of rollers are sequentially moved vertically with the transfer of the glass plate whereby the curved plane is shifted in the transferring direction of the glass plate.

A 1

13. The air-cooling/tempering device for a glass plate according to Claim 4, wherein at an upstream side of the air-cooling/tempering device, there is located a glass plate bend-shaping apparatus for bend-shaping a glass plate to have a predetermined curvature, which comprises a heating furnace for heating the glass plate to a bend-shaping temperature, a roller conveyor provided at a downstream side of the heating furnace and having a plurality of shaping rollers for forming a transferring plane for transferring the glass plate, vertically